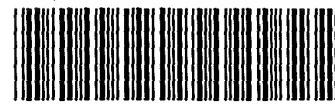


1644 Page 1 of 7
1602

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:38

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

4 <110> APPLICANT: Fikes, John
5 Sette, Alessandro
6 Sidney, John
7 Southwood, Scott
8 Chesnut, Robert
9 Celis, Esteban
10 Keogh, Elissa
11 Epimmune, Inc.
13 <120> TITLE OF INVENTION: Inducing Cellular Immune Responses to
p53 Using Peptide and Nucleic Acid Compositions
16 <130> FILE REFERENCE: 018623-014500US
18 <140> CURRENT APPLICATION NUMBER: US 09/458,297
24-> 19 <141> CURRENT FILING DATE: 2002-01-16
21 <150> PRIOR APPLICATION NUMBER: US 08/027,146
22 <151> PRIOR FILING DATE: 1993-03-05
24 <150> PRIOR APPLICATION NUMBER: US 08/073,205
25 <151> PRIOR FILING DATE: 1993-06-04
27 <150> PRIOR APPLICATION NUMBER: US 08/159,184
28 <151> PRIOR FILING DATE: 1993-11-29
30 <150> PRIOR APPLICATION NUMBER: US 08/205,713
31 <151> PRIOR FILING DATE: 1994-03-04
33 <150> PRIOR APPLICATION NUMBER: US 09/189,702
34 <151> PRIOR FILING DATE: 1998-11-10
36 <160> NUMBER OF SEQ ID NOS: 1490
38 <170> SOFTWARE: FastSEQ for Windows Version 4.0
40 <210> SEQ ID NO: 1
41 <211> LENGTH: 8
42 <212> TYPE: PRT
43 <213> ORGANISM: Artificial Sequence
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46 <223> OTHER INFORMATION: Synthetic Peptide
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50 1 5
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55 <212> TYPE: PRT
56 <213> ORGANISM: Artificial Sequence
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61 <400> SEQUENCE: 2
62 Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe
63 1 5 10

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:38

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

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68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Synthetic Peptide
74 <400> SEQUENCE: 3
75 Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr
76 1 5 10
79 <210> SEQ ID NO: 4
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81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
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85 <223> OTHER INFORMATION: Synthetic Peptide
87 <400> SEQUENCE: 4
88 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe
89 1 5 10
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 9
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetic Peptide
100 <400> SEQUENCE: 5
101 Gly Ser Asp Cys Thr Thr Ile His Tyr
102 1 5
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106 <211> LENGTH: 11
107 <212> TYPE: PRT
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
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113 <400> SEQUENCE: 6
114 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr
115 1 5 10
118 <210> SEQ ID NO: 7
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120 <212> TYPE: PRT
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123 <220> FEATURE:
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133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:38

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

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141 1 5 10
144 <210> SEQ ID NO: 9
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179 Lys Thr Tyr Gln Gly Ser Tyr Gly Phe
180 1 5
183 <210> SEQ ID NO: 12
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185 <212> TYPE: PRT
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188 <220> FEATURE:
189 <223> OTHER INFORMATION: Synthetic Peptide
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192 Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp
193 1 5 10
196 <210> SEQ ID NO: 13
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199 <213> ORGANISM: Artificial Sequence
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204 <400> SEQUENCE: 13
205 Leu Ser Pro Asp Asp Ile Glu Gln Trp

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:38

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

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219 1 5 10
222 <210> SEQ ID NO: 15
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224 <212> TYPE: PRT
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231 Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp
232 1 5 10
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237 <212> TYPE: PRT
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245 1 5 10
248 <210> SEQ ID NO: 17
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251 <213> ORGANISM: Artificial Sequence
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258 1 5 10
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262 <211> LENGTH: 11
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269 <400> SEQUENCE: 18
270 Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe
271 1 5 10
274 <210> SEQ ID NO: 19
275 <211> LENGTH: 8
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:38

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
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283 Asn Leu Leu Gly Arg Asn Ser Phe
284 1 5
287 <210> SEQ ID NO: 20
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289 <212> TYPE: PRT
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297 1 5 10
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305 <220> FEATURE:
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313 <210> SEQ ID NO: 22
314 <211> LENGTH: 10
315 <212> TYPE: PRT
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Synthetic Peptide
321 <400> SEQUENCE: 22
322 Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr
323 1 5 10
326 <210> SEQ ID NO: 23
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328 <212> TYPE: PRT
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331 <220> FEATURE:
332 <223> OTHER INFORMATION: Synthetic Peptide
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335 Gln Ile Arg Gly Arg Glu Arg Phe
336 1 5
339 <210> SEQ ID NO: 24
340 <211> LENGTH: 11
341 <212> TYPE: PRT
342 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Synthetic Peptide
347 <400> SEQUENCE: 24

Any <213> fields have been deleted in the Sequence Listing.
The sequence listing has been converted to a compressed listing
format where each <210> to <213> fields of
the sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/458,297

DATE: 02/11/2002
TIME: 09:38:39

Input Set : A:\-145.app
Output Set: N:\CRF3\02112002\I458297.raw

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:19424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1490